



GSD-05 EMISSIONS UNIT INFORMATION – INSTRUCTIONS

The purpose of GSD-05 is to provide basic information about each emissions unit that has the potential to emit air pollutants. This form is required for all air permit applications submitted to the [Indiana Department of Environmental Management \(IDEM\)](#), [Office of Air Quality \(OAQ\)](#). For the purposes of this form, the term “source” refers to the plant as a whole and NOT to the individual emissions units.

If you have any questions, contact the IDEM OAQ Permit Reviewer of the Day (PROD) at (317) 233-0178 or 1-800-451-6027 extension 3-0178 (toll free call within Indiana) or via electronic mail using the [online form](#) or a direct email to OAMPROD@dem.state.in.us.

SUBMISSION OF CONFIDENTIAL RECORDS

All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claim of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in [326 IAC 17.1-4-1](#). Failure to follow these requirements exactly, will result in your confidential information becoming a public record, available for public inspection. To ensure that your information remains confidential, refer to the [IDEM, OAQ information regarding submittal of confidential business information](#). For more information on confidentiality for certain types of business information, please review IDEM's [Nonrule Policy Document Air-031-NPD regarding Emission Data](#).

Emissions Unit Information

This table is intended to provide detailed information about each emissions unit that has the potential to emit air pollutants to the atmosphere. If you do not provide the enough information to adequately describe each emissions unit, the application process may be stopped.

1. Unit ID:

Provide the identification number for each emissions unit. The identification numbers listed on this form should correspond to the emissions unit identified on the Plant Layout and Process Flow diagrams.

2. Model Number:

Provide the model number of the emissions unit.

3. Serial Number:

Provide the manufacturer's serial number for the emissions unit, if applicable.

4. Description:

Briefly describe the emissions unit. The description should be complete enough that an inspector can easily identify this emissions unit at your source (e.g., South Boiler, Spray Booth #2, etc.).

5. Manufacturer:

Provide name of the manufacturer of the emissions unit. This information is used to assist inspectors in identifying specific pieces of equipment at this source.

6. Installation Date:

Provide the date this piece of equipment was installed at this source. An accurate installation date is needed to determine the regulations and/or performance standards that apply to this piece of equipment.

7. Maximum Capacity:

Provide the maximum hourly processing capacity of this emission unit. This is generally the rated design performance of the emission unit. Since the capacity units will vary depending on the process, appropriate units must be included or the application process may be stopped. Accurate information is needed to determine total potential to emit.

NOTE: Indiana Law requires permit emission limits to be based on the [potential to emit \(PTE\)](#) air pollutants as if the process was operating at full capacity 24 hours per day, seven (7) days per week. It is important to provide the actual hours of operation so we can compare the potential to emit with actual estimated emissions. Some sources may opt to take a limit on the potential to emit for the entire source, or individual processes, in order to better reflect the actual operating scenario.

For a boiler, the maximum capacity is usually expressed as millions of British thermal units per hour (MMBtu/hr). Other commonly used units for hourly capacity include million cubic feet (MMCF), pounds (lbs) of board, tons of scrap, etc.

Maximum capacity may not be applicable to some units if PTE is not calculated using the capacity of the unit (e.g. wood milling equipment). If this is the case, you may enter "N/A" in the space provided.

8. Stack / Vent ID:

Provide the identification number for each stack or vent to which this emissions unit exhausts. The identification numbers listed on this form should correspond to the stacks and vents identified on the Plant Layout and Process Flow diagrams.

Summary of Websites

1. Indiana Department of Environmental Management (IDEM): <http://www.in.gov/idem/>
2. Office of Air Quality (OAQ): <http://www.in.gov/idem/air/>
3. Permit Reviewer of the Day (PROD) online form: <http://www.in.gov/idem/air/permits/prodform.html>
4. Article 17.1, Rule 4, Section 1 of the Indiana Administrative Code (326 IAC 17.1-4-1):
<http://www.in.gov/legislative/iac/T03260/A00171.PDF>
5. IDEM, OAQ guidance regarding submittal of confidential business information:
<http://www.in.gov/idem/air/permits/apps/cbi.pdf>
6. IDEM's Nonrule Policy Document regarding Emission Data (Air-031-NPD):
<http://www.in.gov/idem/air/rules/nrpd/index.html>
7. Explanation of Potential To Emit: <http://www.in.gov/idem/guides/permit/air/airemissions.html#pte>